

# SHARP®

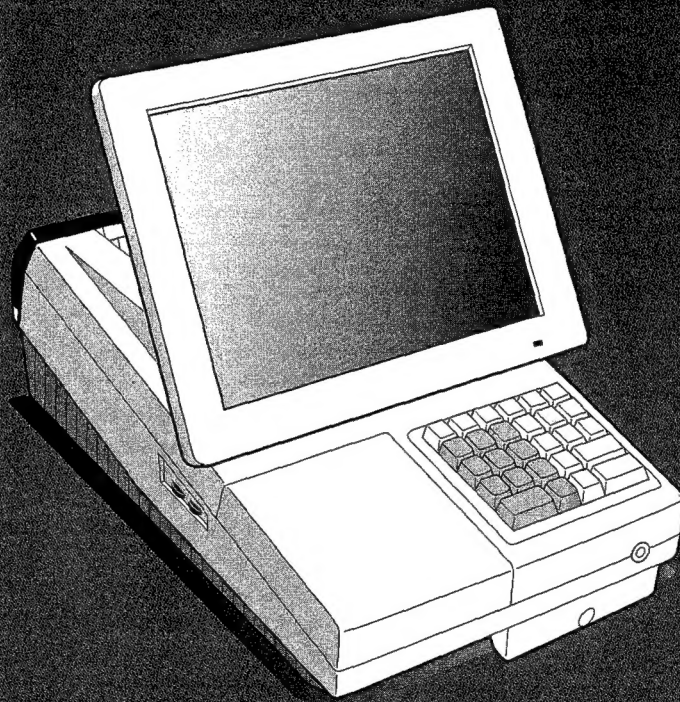
POS TERMINAL  
KASSENTERMINAL  
TERMINAL DE POINT DE VENTE  
TERMINAL POS

MODEL  
MODELL  
MODELE  
MODELO

## UP-5350

HARDWARE OPERATION MANUAL  
TECHNISCHE BEDIENUNGSANLEITUNG

MANUEL D'UTILISATION  
MANUAL TECNICO



**CAUTION**

The drawer unit should be securely fitted to the supporting platform to avoid instability when the drawers are open.

**CAUTION:**

The socket-outlet shall be installed near the equipment and shall be easily accessible.

**VORSICHT:**

Die Netzsteckdose muß nahe dem Gerät angebracht und leicht zugänglich sein.

**ATTENTION:**

La prise de courant murale devra être installée à proximité de l'équipement et devra être facilement accessible.

**AVISO:**

El tomacorriente debe estar instalado cerca del equipo y debe quedar bien accesible.

**WARNING:**

Det matande vägguttaget skall placeras nära apparaten och vara lätt åtkomligt.

**CAUTION:**

For a complete electrical disconnection pull out the mains plug.

**VORSICHT:**

Zur vollständigen elektrischen Trennung vom Netz den Netzstecker ziehen.

**ATTENTION:**

Pour obtenir une mise hors-circuit totale, débrancher la prise de courant secteur.

**AVISO:**

Para una desconexión eléctrica completa, desenchufar el enchufe de tomacorriente.

**WARNING:**

För att helt koppla från strömmen, dra ut stickproppen.

This equipment complies with the requirements of Directives 89/336/EEC and 73/23/EEC as amended by 93/68/EEC.

Dieses Gerät entspricht den Anforderungen der EG-Richtlinien 89/336/EWG und 73/23/EWG mit Änderung 93/68/EWG.

Ce matériel répond aux exigences contenues dans les directives 89/336/CEE et 73/23/CEE modifiées par la directive 93/68/CEE.

Dit apparaat voldoet aan de eisen van de richtlijnen 89/336/EEG en 73/23/EEG, gewijzigd door 93/68/EEG.

Dette udstyr overholder kravene i direktiv nr. 89/336/EEC og 73/23/EEC med tillæg nr. 93/68/EEC.

Quest' apparecchio è conforme ai requisiti delle direttive 89/336/EEC e 73/23/EEC, come emendata dalla direttiva 93/68/EEC.

Η εγκατάσταση αυτή ανταποκρίνεται στις απαιτήσεις των οδηγιών της Ευρωπαϊκής Ένωσης 89/336/EOK και 73/23/EOK, όπως οι κανονισμοί αυτοί συμπληρώθηκαν από την οδηγία 93/68/EOK.

Este equipamento obedece às exigências das directivas 89/336/CEE e 73/23/CEE, na sua versão corrigida pela directiva 93/68/CEE.

Este aparato satisface las exigencias de las Directivas 89/336/CEE y 73/23/CEE, modificadas por medio de la 93/68/CEE.

Denna utrustning uppfyller kraven enligt riktlinjerna 89/336/EEC och 73/23/EEC så som kompletterade av 93/68/EEC.

Dette produktet oppfyller betingelsene i direktivene 89/336/EEC og 73/23/EEC i endringen 93/68/EEC.

Tämä laite täyttää direktiivien 89/336/EEC ja 73/23/EEC vaatimukset, joita on muutettu direktiivillä 93/68/EEC.

**Warning**

This is a Class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

**Warnung**

Dies ist eine Einrichtung der Klasse A. Diese Einrichtung kann im Wohnbereich Funkstörungen verursachen; in diesem Fall kann vom Betreiber verlangt werden, angemessene Maßnahmen zu ergreifen.

**Avertissement**

Ceci est un produit de Classe A. Dans un environnement domestique ce produit risque de provoquer une interférence radio, auquel cas l'utilisateur sera obligé d'observer les mesures adéquates.

**Advertencia**

Este es un producto de la clase A. En un ambiente doméstico es posible que este producto cause radiointerferencia. En este caso se solicita al usuario que tome medidas adecuadas.

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# INTRODUCTION

Thank you very much for your purchase of the SHARP POS Terminal.  
Please read this manual carefully before operating your POS Terminal. Please keep this manual for future reference.

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## IMPORTANT

- **Install this terminal in a location that is not subjected to direct radiation, unusual temperature changes, and high humidity or exposure to water or other liquids.**  
Installation in such locations could cause damage to the cabinet and the electronic components.
- **This terminal should not be operated by an individual with wet hands.**  
The water could seep into the interior of the terminal and cause component failure.
- **Do not apply excessive pressure to the display. Do not use a sharp-pointed object on the display.**  
This may cause damage to the LCD display.
- **When cleaning this terminal, use a dry, soft cloth. Never use solvents, such as benzene or thinner.**  
The use of such chemicals will lead to discoloration or deterioration of the cabinet.
- **The terminal plugs into any standard wall outlet (official (nominal) voltage).**  
Other electrical devices on the same electrical circuit could cause the terminal to malfunction.
- **If the terminal malfunctions, call your local authorized dealer for service. Do not try to repair the terminal yourself.**
- **For a complete electrical disconnection, remove the AC plug from the wall outlet.**

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## PRECAUTION

This terminal has a built-in memory protection circuit which is operated by a rechargeable battery pack. The batteries of your terminal will, in time, dissipate their charge even if not used. Therefore to insure an adequate initial charge in the protection circuit, and to prevent any possible loss of data stored in memory upon installation, it is recommended that each unit be recharged for a period of 24 to 48 hours prior to use by the customer.

In order to charge the battery pack, the terminal must be plugged in and its power switch must be set to the "ON ( I )" position. This recharging precaution can prevent unnecessary initial service calls.

When the time to replace comes, ask your dealer for a replacement of the battery pack. The time to replace is written on the label located on the bottom to the POS terminal.

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# TABLE OF CONTENTS

INTRODUCTION .....	1
IMPORTANT .....	1
PRECAUTION.....	1
TABLE OF CONTENTS.....	2
PHYSICAL CHARACTERISTICS.....	3
AC cord	
Power switch	
Power indicator	
Clerk switch	
DISPLAY.....	5
Display angle	
Brightness control	
Contrast control	
FLOPPY DISK DRIVE .....	6
Handling the floppy disk	
Inserting and removing the floppy disk	
REPLACING THE BACKUP BATTERY PACK .....	7
BEFORE CALLING FOR SERVICE .....	9
LIST OF OPTIONS.....	9
SPECIFICATIONS.....	10

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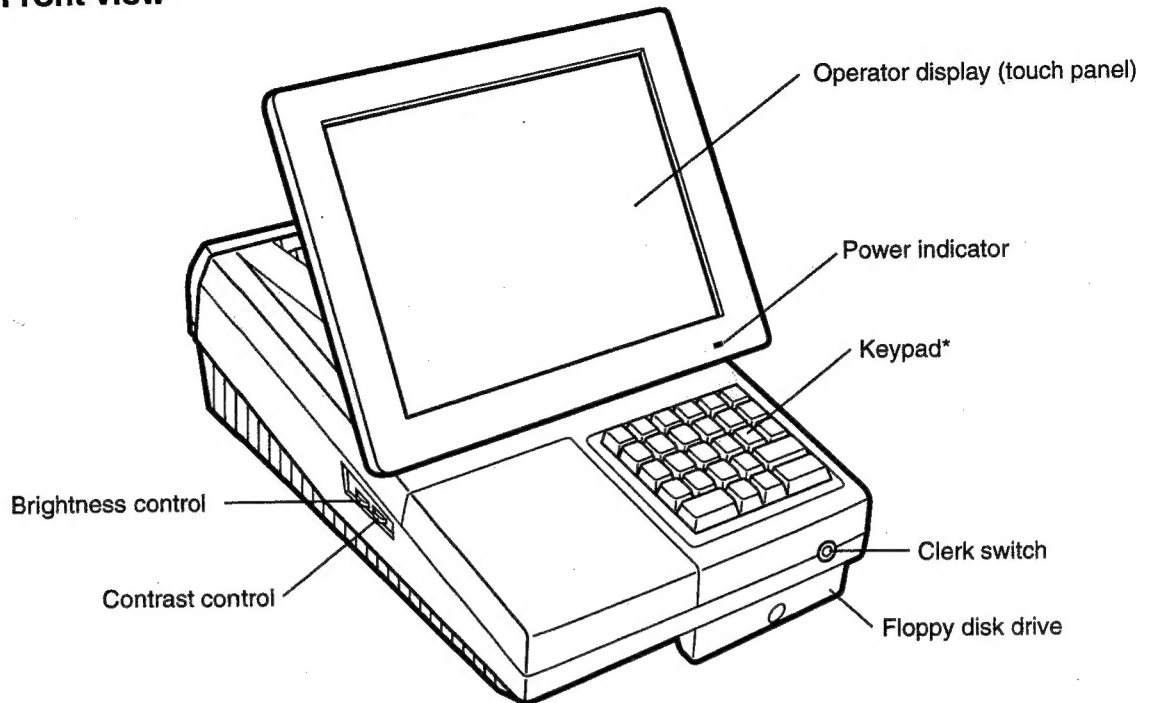
## Trademarks

Pentium is a registered trademark, and MMX is a trademark, of Intel Corporation.

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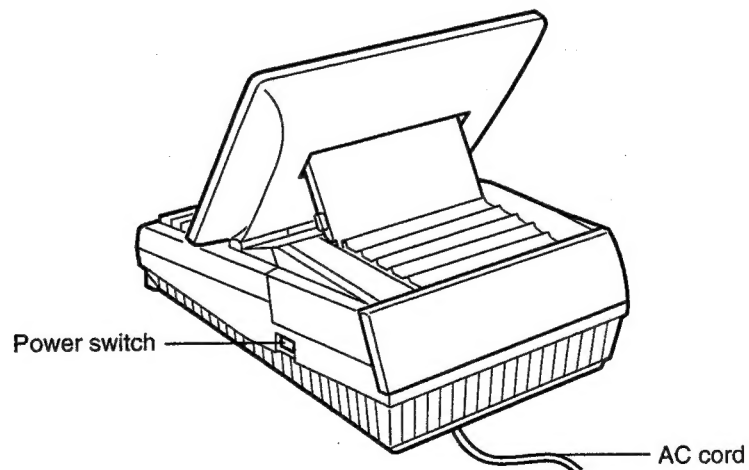
# PHYSICAL CHARACTERISTICS

## Front view



\*Note: The keypad is optional for the U.K. model.

## Rear view



## AC cord

Plug your terminal into any wall outlet that has a dedicated ground before using.

## Power switch

Set the power switch to the ON ( I ) position after the terminal has been plugged in.

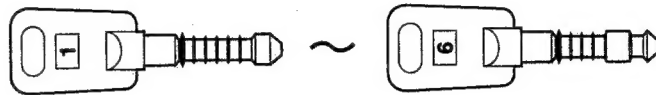
## Power indicator

When the power switch is turned on, the power indicator will light up. The indicator will remain on even while the display's backlight is off.

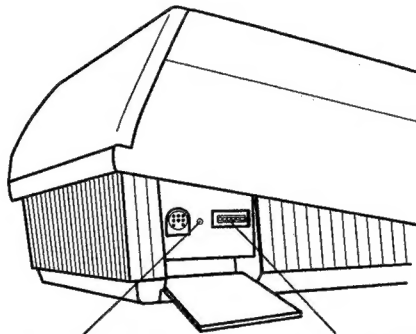
## Clerk switch

This POS terminal has clerk keys for 6 clerks (1, 2, 3, 4, 5 and 6).

These keys serve to identify clerks. Put one of the 1 through 6 keys in the clerk switch.



## Caution:



**DO NOT insert any object into this switch unless instructed to.**  
Doing so may damage or delete the data.

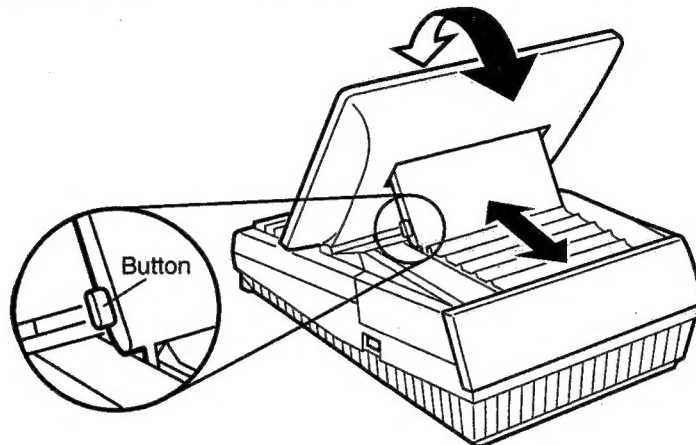
System switches:  
These switches control the POS terminal functionally.  
**DO NOT change the switch settings unless instructed to.**  
System malfunction may result.

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# DISPLAY

## Display angle

The display may be tilted to the best viewing angle by adjusting the rear stand. Be sure to push the release button on the side of the rear stand when sliding it.



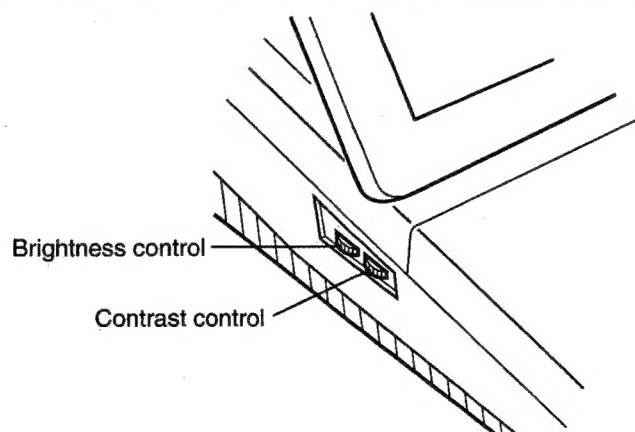
## Brightness control

The brightness of the illuminated display can be adjusted using the brightness control. Turning the control backwards darkens the display and turning it forwards brightens the display.

## Contrast control

The contrast between the displayed information and the background can be adjusted using the contrast control.

Turning the control backwards darkens the display and turning it forwards lightens the display.



The backlight in the display is a consumable part. When the LCD display may no longer be adjusted and becomes darker, you should change the backlight. Consult your authorized SHARP dealer for further details.

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# FLOPPY DISK DRIVE

The floppy disk drive allows the use of 1.44 MB 3.5" high-density (2HD) floppy disks.

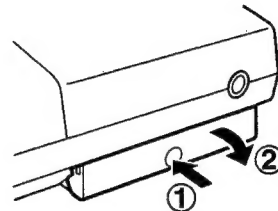
## Handling the floppy disk

- Do not open the shutter nor touch the disk's inside; otherwise, you will not be able to read data from or write data to the disk.
- Do not leave the floppy disk near magnetic or heat sources, in direct sunlight, in a dusty place, etc.
- Never subject the disk to sudden shock or extreme vibration. Do not drop nor bend the disk, or never place any heavy object on it.
- Do not spill liquid on the disk.

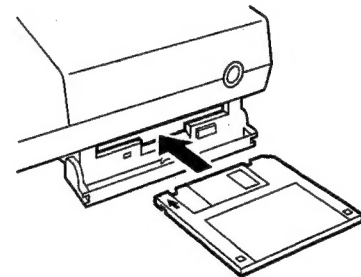
## Inserting and removing the floppy disk

### Inserting

1. Push the floppy disk drive cover and open it.

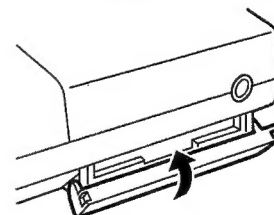
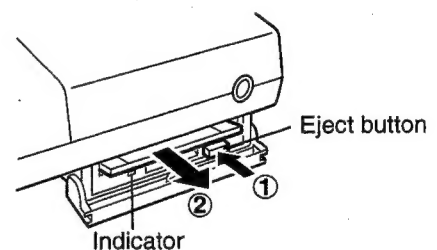


2. Hold the floppy disk with the arrow facing up and towards the drive.
3. Push the disk into the drive until it locks into place.



### Removing

1. Open the floppy disk drive cover if closed. Make sure the indicator of the floppy disk drive is not lit.
2. Press the eject button firmly. The disk will pop out slightly.
3. Remove the disk and store it properly.
4. Close the floppy disk drive cover.



### Caution:

- Always insert the floppy disk straight into the floppy disk drive.
- When inserting the disk, make sure it is not upside down.
- Do not use excessive force when inserting the floppy disk. If you have difficulty in inserting or removing the disk, consult your SHARP dealer.



# REPLACING THE BACKUP BATTERY PACK

The memory backup battery pack has an expected life of approximately three years under normal conditions (temperature extremes can shorten the life of the battery).

A replacement battery pack is not commercially available, so please contact your local SHARP dealer and ask him or her for replacement when you need a new one.

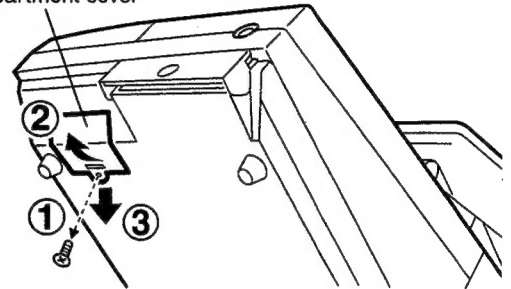
Be sure to use a battery pack specified by SHARP. Use of other battery packs could damage your POS terminal.

## Caution:

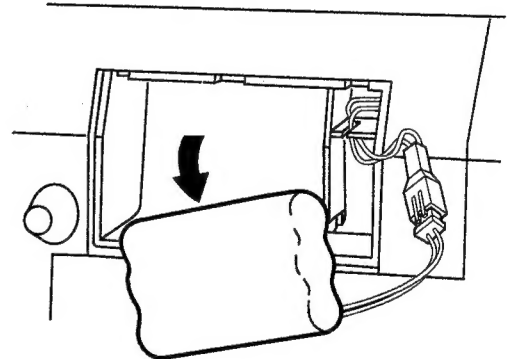
**When you replace the battery pack, keep the POS terminal turned on. If you replace the battery pack with the power switch off, all the data in memory will be lost.**

1. Remove the screw in front of the battery compartment cover located at the bottom of the terminal (1), raise the cover by its projection (2), and pull the cover in the direction of the arrow (3) to detach it.

Battery compartment cover

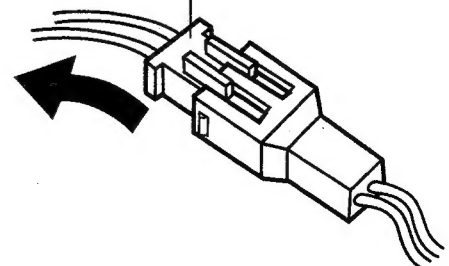


2. Take out the battery pack.

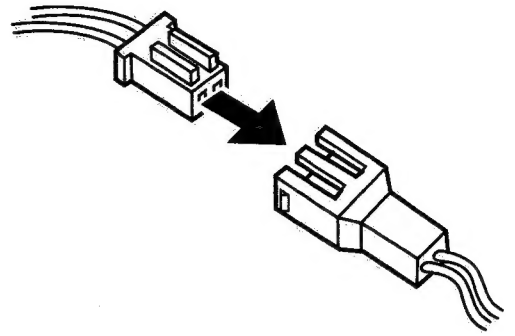


3. Disconnect the connector.

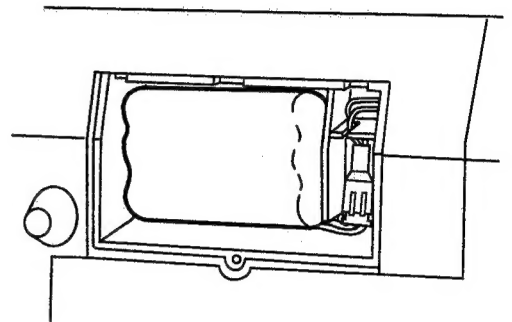
Connector



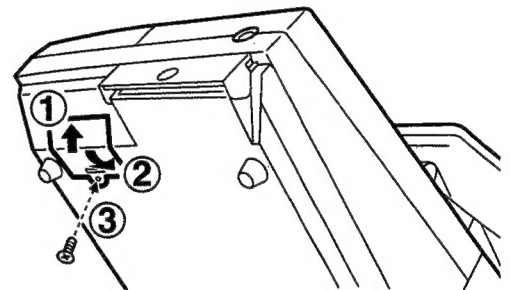
4. Connect the connector of a new battery pack.



5. Install the pack, placing the wires in the slit as shown in the figure at the right.



6. Replace the battery compartment cover, and tighten the screw removed earlier in step 1.



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# BEFORE CALLING FOR SERVICE

The malfunction shown in the left-hand column below, labeled "Fault," does not necessarily indicate functional faults of the terminal. It is therefore advisable to refer to the "Checking" shown in the right-hand column before calling for service.

Fault	Checking
The power indicator is not lit.	<ul style="list-style-type: none"><li>• Is power supplied to the electrical outlet?</li><li>• Is the power cord plug out or loosely connected to the electrical outlet?</li><li>• Is the power switch in the "ON ( I )" position?</li></ul>
The display does not illuminate.	<ul style="list-style-type: none"><li>• Are the brightness control and the contrast control adjusted correctly?</li></ul>

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## LIST OF OPTIONS

For your POS terminal, the following options are available.

Do not try to install any options yourself.

For details, contact your SHARP dealer.

1. Receipt/journal thermal printer model ER-01PU
2. Built-in thermal printer model UP-T80BP
3. Integrated rear customer display model UP-I20DP
4. Remote customer pole display model UP-P20DP  
Note: You cannot use UP-I20DP and UP-P20DP simultaneously.
5. Magnetic card reader model UP-E12MR2
6. Peripheral board model ER-A8RS
7. Remote drawer model ER-03DW/04DW/05DW
8. Till model ER-48CC3 for the ER-03DW
9. Till model ER-48CC2 for the ER-04DW
10. Till model ER-58CC for the ER-05DW
11. POS keypad model UP-C30PK (Only for the U.K. model)
12. Key kit models
  - ER-11KT7: 30 1 x 1 size keys
  - ER-12KT7: 30 1 x 2 size keys
  - ER-22KT7: 10 2 x 2 size keys

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# SPECIFICATIONS

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Model:	UP-5350		
External dimensions:	298.5(W) x 415(D) x 337(H) mm		
Weight:	7.0 kg		
Power source:	Official (nominal) voltage and frequency		
Power consumption:	Operating: 72 W		
Working temperature:	0 to 40 °C		
CPU:	MMX technology Pentium Processor		
Built-in battery:	Rechargeable battery pack, memory holding time about 1 month (with full charged built-in battery pack, at room temperature)		
Display:	Type:	Duty color LCD with backlighting Analog touch key	
	Size:	12.1" (307 mm) full screen	
	Resolution:	800 x 600 dots	
	Control:	SVGA	
Floppy disk drive:	3.5", 1.44MB Floppy disk drive		
Accessory:	Clerk keys	12	(2 keys for each clerk)
	Switch concealment	1	
	Hardware operation manual	1	copy

- Specifications and appearance subject to change without notice for improvement.

## FOR CUSTOMERS IN U.K.

### IMPORTANT

The wires in this mains lead are coloured in accordance with the following code:

<b>GREEN-AND-YELLOW:</b>	<b>Earth</b>
<b>BLUE:</b>	<b>Neutral</b>
<b>BROWN:</b>	<b>Live</b>

As the colours of the wires in the mains lead of this apparatus may not correspond with the coloured markings identifying the terminals in your plug proceed as follows.

The wire which is coloured **GREEN-AND-YELLOW** must be connected to the terminal in the plug which is marked by the letter **E** or by the safety earth symbol  $\perp$  or coloured green or green-and-yellow.

The wire which is coloured **BLUE** must be connected to the terminal which is marked with the letter **N** or coloured black.

The wire which is coloured **BROWN** must be connected to the terminal which is marked with the letter **L** or coloured red.

Ensure that your equipment is connected correctly – if you are in any doubt, consult a qualified electrician.

**"WARNING: THIS APPARATUS MUST BE EARTHED."**

### Environment Protection

The device is supported by a battery. To dispose the battery safely to protect the environment, please note the following points:

- Take the used battery to your local waste depot, dealer or customer service centre for recycling.
- Do not throw the used battery into fire, into water or into the household waste!

### Umweltschutz

Das Gerät wird durch eine Batterie gestützt. Um die Batterie sicher und umweltschonend zu entsorgen, beachten Sie bitte folgende Punkte:

- Bringen Sie die leere Batterie zu Ihrer örtlichen Mülldeponie, zum Händler oder zum Kundenservice-Zentrum zur Entsorgung.
- Werfen Sie die leere Batterie niemals ins Feuer, ins Wasser oder in den Hausmüll.

### Protection de l'environnement

L'appareil est supporté sur pile. Afin de protéger l'environnement, nous vous recommandons de traiter la pile usagée la façon suivante:

- Apporter la pile usagée à votre centre de traitement des ordures ménagères le plus proche ou, à votre revendeur ou, au service après-vente, pour recyclement.
- Ne jamais jeter la pile usagée dans une source de chaleur, dans l'eau ou dans les vide-ordures.

### Miljöskydd

Denna produkt nöddrivs av batteri.

Vid batteribyte skall följande iakttas:

- Det förbrukade batteriet skall inlämnas till er lokala handlare eller till kommunal miljöstation för återinsamling.
- Kasta ej batteriet i vattnet eller i hushållssoporna. Batteriet får ej heller utsättas för öppen eld.

**Geräuschpegel: < 34 dB (A)**

**Gemessen nach DIN 45635 bzw. EN27779**

**(Spitzenwert bei Aufspringen der optionalen Kassenschublade: 69 dB (A))**

**(Geräuschpegel bei Betrieb mit dem optionalen Drucker UP-T80BP: 46 dB (A))**

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Printed in Korea / Imprimé en Corée / Gedruckt in Korea / Impreso en Corea

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